



26th Year

Northwestern Division ARRL Convention



Seaside Convention Center Seaside, Oregon

May 30th, 31st and June 1st, 2008

Web: <http://www.seapac.org>

Presented by
Oregon Tualatin Valley
Amateur Radio Club



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V.E. TEST SESSION

***Testing at Our Saviour's Lutheran Church—East Parish Hall
(North—across the street from the Convention Center)***

One Session—Saturday at 9 AM

Pre-registration requested. Walk-ins — Space Available



SCHEDULE OF EVENTS

Friday, May 30

Registration	11:00 AM – 8:00 PM
Exhibitor & Flea Market (<i>Setup Only</i>)	11:00 AM – 8:00 PM
Workshop	12:30 PM – 5:00 PM

Saturday, May 31

Exhibitor/Flea Market Set-Up	7:30 AM – 9:00 AM
Registration	8:00 AM – 4:30 PM
Exhibits & Flea Market	9:00 AM – 4:30 PM
Snack Bar	9:00 AM – 4:30 PM
VE Exams (Our Saviour's East Parish Hall)	9:00 AM – NOON
Seminars (Seaside & Riverview Rooms)	9:30 AM – 5:00 PM
Hourly Prizes	10:00 AM – 4:15 PM
DX Luncheon (Best Western Oceanview)	11:30 AM – 1:30 PM
YLRL Luncheon (Oceanview Fireplace Room)	11:30 AM – 1:30 PM
ARRL Forum (Seaside A&B)	1:00 PM – 2:15 PM
Special SEA-PAC Prizess	2:30 PM
Pre-Banquet Happy Hour (Convention Lobby)	6:30 PM – 7:15 PM
SEA-PAC Banquet (Convention Center)	7:15 PM – 9:30 PM

Sunday, June 1

Registration	8:30 AM – 12:00 PM
Exhibits & Flea Market	9:00 AM – 1:00 PM
Snack Bar	9:30 AM – 12:30 PM
Hourly Prizes	9:00 AM – 1:00 PM
Special SEA-PAC Prizes	10:30 AM
Major SEA-PAC Prizes	1:00 PM – 2:00 PM
Convention Closes	2:00 pm

WELCOME

 **SEA-PAC, the Northwestern Division ARRL Convention, is sponsored by the Oregon Tualatin Valley Amateur Radio Club. Co-Sponsors include Clark County Amateur Radio Club, Hoodview Amateur Radio Club, and Sunset Empire Amateur Radio Club.**

Thanks to convention volunteers for their assistance. We invite everyone to enjoy themselves to the fullest and be a part of making this event a success.

OTVARC Special Event Station

Special Event Station W7OTV is operating in the vendor area (Riverside) in celebration of the 30th Anniversary of The Oregon Tualatin Valley Amateur Radio Club. The club was formed in May, 1978 as a "full-service" amateur radio group based in Washington County, Oregon. It is a special service club related to ARRL and carries out its mission to advance the Amateur Radio Service through: education and training of new and licensed amateurs; public service and emergency communication; nets, contests and meetings; and through social events. Nearing two-hundred members, the club is primary club sponsor of SEA-PAC. Come by the station and get in the Special Event W7OTV log.

OTVARC Scholarship Winner

Patrick Mohr has always loved electronics and "fixing" problems. His mom recalls he was 4 years old and she was having a computer error message appearing on her screen. Patrick exclaimed. Patrick began taking classes at the local community college when he started seventh grade.

Patrick's interest in Ham Radio started when he was a cub scout. For his radio merit badge, his den visited a ham with a satellite system. It was on that day that he decided to get his ham radio license. A few months later, at the age of 11, Patrick, his dad, and mom all passed their technician licenses and became Hams. Patrick's favorite part of ham radio has been in emergency services with his dad. He has also taken the emergency communications class. Just last year he received his General License.

Patrick is now at OIT in Klamath Falls, studying for a double major in hardware and software engineering. He also plans on earning a major in math. Last year he received a scholarship from FAR (Foundation for Amateur Radio) and from the Data Processing Management Association in Portland. He is very honored to receive this scholarship from OTVARC, the club which sponsored the Willamette Valley Youth net and has helped so many young people develop their interests in amateur radio.

SEAPAC EXHIBITORS

A Better T-Shirt	HRO (Ham Radio Outlet)
ACN Reps.	ICOM America
Amateur Radio Relay Group	Kenwood U.S.A.
American Red Cross - Oregon Trail Chapter	KBFD Pacific Radio
Arcom Communications	Larry's Antennas LLC
ARES / RACES	US Navy/Marine Corps MARS
ARRL	NCG/Comet Co.
ARRL 7th QSL Bureau	Nifty Ham Accessories
Badge Boys	OTVARC
Battery Tech Inc.	Providence Health Systems
Books Etc.	Rescue Tape NW
Buddipole Antennas	Risler R&D
Cascade Radio Club	Rose's Covers and Cases
Clark County ARC	SurplusGizmos.com
Cookie Lee Jewelry	Tarheel Antennas
DC Power LLC	Tigertronics
Elecraft	Ventenna Co.
Flex Radio Systems	Vertex Standard (Yaesu)
Fue Enterprises	WB0W, Inc.
Hotpress Ham Hats	Western Case Company
	YLRL

Due to publication deadlines we apologize for any changes or omissions.

BANQUET SPEAKER

The ~~SEA-DAC~~ banquet is a time to reacquaint yourself with hams from around the division, the nation and the world. Our guest speaker at this years banquet is Riley Hollingsworth, K4ZDH, Special Counsel for the Spectrum Enforcement Division of the FCC's Enforcement Bureau.

Hollingsworth, 61, has served in several prominent positions within the FCC's Wireless Telecommunications Bureau. In 1987, he managed the FCC 800-MHz Lottery Task Force. From 1989 to 1994, he served as deputy chief of FCC Private Radio Licensing and later was assistant bureau chief in the WTB. In 1992, Hollingsworth was a member of a US Department of State delegation to Romania to discuss radio licensing in the US and opening markets to US manufacturers. In 1994, he co-chaired an FCC task force on PCS broadband and narrowband licensing. Hollingsworth joined the former Compliance and Information Bureau as Legal Advisor for Enforcement in 1998 and became Special Counsel responsible for Amateur Radio enforcement and Land Mobile interference resolution within the FCC's Enforcement Bureau. Hams across the US have credited Hollingsworth with helping to reduce malicious interference and other problem behavior, both on and off the air.

A ham for 48 years, Hollingsworth holds an Advanced class ticket and is a graduate of the University of South Carolina and Wake Forest University Law School. Hollingsworth is a member of the ARRL and the Quarter Century Wireless Association. In 1996 he received the Special Achievement Award at the Dayton Amateur radio convention. He also enjoys collecting vintage Amateur Radio equipment and has set up several older transmitter-receiver combinations at his home along with his modern gear.

Two of his personal suggestions for Amateur Radio Operators include,

“Operate as if the whole world is listening. It is!”

“Make sure that, on your watch, Amateur Radio never becomes obsolete.”

Don't miss this event, get your ~~SEA-DAC~~ event and banquet tickets today as seating is limited.

Banquet Prizes

Icom IC-V82 (D-Star) 2M HT

Kenwood TH-K2AT 2m HT

~~SEA-DAC~~ '08 PIN

Congratulations to Melissa Scott, winner of the 2008 ~~SEA-DAC~~ Pin Contest. Be sure to pick up your 2007 Pin (\$5.00) at the Registration Desk. Pins from some previous ~~SEA-DAC~~ Conventions are also available for purchase.



PRIZE DONORS

BUSINESS SPONSORS/PRIZE DONORS

Best Western Oceanview Resort - Seaside, OR
Camp 18 Restaurant & Gift Shop - Seaside, OR
Circle Creek RV Park - Seaside, OR
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Ebbtide Enterprises - Portland, OR
Gearhart by the Sea - Gearhart, OR
Inn At Seaside - Seaside, OR
McKeown's Restaurant - Seaside, OR
Motel 6 - Seaside, OR
Nehalem Bay Wines - Nehalem, OR
Norma's Ocean Diner - Seaside, OR
Pig 'N Pancake - Seaside, OR
Portland Fudge - Seaside, OR
Pulse Larsen Antenna - Vancouver, WA
Sam's Seaside Café - Seaside, OR
Seaside Chamber of Commerce - Seaside, OR
Seaside Helicopters - Seaside, OR
Shilo Inns Suites Hotels - Portland, OR
Shilo Ocean Front - Seaside, OR
Sundowner Motor Inn - Seaside, OR
The Pizza Harbor - Seaside, OR
Venice RV Park - Seaside, OR
Vista Sea Café - Seaside, OR

CONVENTION VENDORS/PRIZE DONORS

Alinco Amateur Distribution, Inc. - Conroe, TX
Ham Radio Outlet - Portland, OR
Yaesu Amateur Products - Cypress, CA
Kenwood USA Corp. - Suwanee, GA
Larry's Antennas
A Better T Shirt
DC Power
Fue Enterprises
Battery Tech
Flex Radio
Nifty Ham Accessories
Hot Press Ham Hats
BuddiPole
Badge Boys
Surplus Gizmos
Cookie Lee Jewelry

Due to publication deadlines we apologize for any changes or omissions.

SEAOPAC PRIZES

ALL PRIZE MODELS SUBJECT TO CHANGE

Sunday, 1:00 - 2:00 pm

Need Not Be Present

Icom IC 706 Mark II G (HF/VHF/UHF)
Kenwood TM-V71A Dual Band Mobile
Alinco DR-635 Dual Band Mobile

MUST BE IN CONVENTION CENTER — *None by Proxy*

*42" Plasma Flat Screen HDTV
Icom IC-92AD (DStar) Dual Band HT
Kenwood TH-F6A Tri Band HT*

Early Early Bird Prize

Registration postmarked by February 16, 2008
To be eligible - Need Not Be Present

VX6R Tri Band HT

Early Bird Prize

Registration postmarked by May 15, 2007
To be eligible - Need Not Be Present

Icom IC ID800H (DStar) Dual Band Mobile
Yesu VX-3R Dual Band HT

HOURLY PRIZES

Unclaimed prizes are re-issued! — None by Proxy

Hourly prizes posted for two hours
in the lobby and on stage

SPECIAL PRIZE

*Must Be In Convention Center
None by Proxy*

Saturday, 2:30 pm & Sunday, 10:30 am



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Welcome to Seaside!

Come by our booth and receive special show pricing!

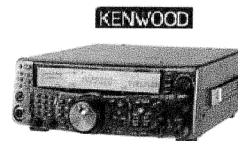
For the Discriminating Ham



ICOM
IC-7800



FTDX-9000D



TS-2000

SEAPAC SEMINARS

FRIDAY

1:00PM	The Science of Great Audio Riverview AB&C	Bob Heil K9EID Chip Margelli K7JA
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SATURDAY

10:00AM	D-Star (Digital Smart (Technologies for Amateur Radio) Seaside A&B	Ken Wilhelmi N7QQU
	10 Best PR Ideas for Ham Radio Riverview A	Allen Pitts W1AGP ARRL Media & PR Manager
11:00AM	Building Your Own Equipment Seaside C	Jeff Damm WA7MLH
	Emergency Management-Oregon Riverview B	Vincent Van Der Hyde K7VV
	Getting Into Digital Riverview C	Ed Clulow N7TL
1:00PM	ARRL FORUM Seaside A&B	
	Emergency Preparedness Seaside C	Rose Bottle American Red Cross
	Amateur Radio Training Riverview A	Delvin Bunton N7QMT
	SKY-WARN Pendleton Riverview B	Alan Polan KE4TRR Meteorologist NWS
	Amateur Television in Oregon Riverview C	Ed Mellnik WB2QHS Dave Gettman KA7WOF
3:00PM	HF Verticals-New Ideas Seaside A&B	Ken Glanzer K7GCO
	NTS Training-Message Handling Seaside C	Kristin Tomson K7KWT
	Ham Radio & The Law Riverview A	Phil Kane K2ASP ARRL Counsel
	Portable Antennas Riverview B	Bud Drummond W3FF Budi-Pole Antennas
	Making Field Day a Success Riverview C	Lisa Bloomquist KE7HPW P.I.O. for Clark County ARC

SEMINAR TOPICS

Please silence audio signals during the seminars.

This year again we hope that you find some seminars to attend that catch our interest and open the doors to new ham radio adventures. The presenters below volunteer their time to share with you their knowledge and skills on the many facets of this great hobby. What ever your interests are, you're sure to acquire a great deal of new knowledge to take home.

Listed below is an overview of the seminars we are presenting this year. This is to help you select the seminars of interest. When attending seminars, be sure to thank the presenter when it is over.

D-STAR (Digital Smart Technology for Amateur Radio)

Ken Wilhelmi N7QQU Washington Co. ARES

SAT 10:00 AM

Seaside A&B

If you are hazy about D-STAR, have a few questions or completely in the dark, this seminar is for you. I attended this seminar in Hillsboro for emergency managers and learned a great deal about the capabilities of this system. I recommend this seminar for those wanting to learn more about it.

The 10 Best Ideas

Allen G Pitts, W1AGP Media & PR Manager

SAT 10:00 AM

Riverview A

You want to help ham radio grow and be noticed, but have limited time and resources. Besides, you're just a volunteer, right? Make the most of what you have with the 10 best PR ideas that have worked around the country. You don't need to reinvent the wheel – just steal it!

Getting into Digital

Ed Clulow N7TL

SAT 11:00 AM

Riverview C

This is a beginners guide to digital communications. If you are looking for information about how to get started this seminar is about the hardware and software requirements you will need as well as a demonstration of PSK/31/63, RTTY MFSK and other modes.

ARES/RACES in Oregon

Vincent Van Der Hyde K7VV

SAT 11:00 AM

Riverview B

An introduction to ARES/RACES in Oregon (structure, training, 'what we do' etc, ARMAT teams), then talk about the new state plan, and finally the use of Winlink 2000 for digital emergency communications and the development of a statewide system.

Building Your Own Equipment
SAT 11:00 AM

Jeff Damm WA7LMH
Seaside C

Many amateurs get education and enjoyment by making their own equipment for use in their stations. Jeff will show you how to get in on this part of the hobby. You will learn terms like perf board, dead bug and Manhattan and where to order your parts for your first project. Think you can't build. Jeff make just change your mind.

ARRL Forum

Allen Pitts W1AGP ARRL Media Relations Manager

Jim Fenstermaker K9JF Northwest Division Director

William Sawders K7ZM Northwest Division Vice Director

SAT 1:00 PM

Seaside A&B

An opportunity to meet Jim, Bill and Allen and find out what the ARRL has planned for the future as well as an opportunity to express your opinion on policy.

Amateur Radio Training

Delvin Bunton N7QMT

SAT 1:00PM

Riverview A

To help Amateur Radio grow and to help your club grow there is a need to develop and schedule training opportunities for the public to attain their license and continue to grow in the hobby. There are a number of folks in the Division who teach classes successfully. This is a forum to share ideas on how to arrange classes and teach more effectively.

HF SKYWARN Net – Pendleton

Alan Polan KE4TRR

SAT 1:00 PM

Riverview B

Alan, a meteorologist and Amateur Radio Program leader in the Pendleton office will describe their operation, how works and share experiences. He emphasized that it only applies to his office while other offices may do things differently. If you are interested in weather or curious about weather spotting this should be an interesting seminar.

Amateur Television – ATV

Ed Mellnik, WB2QHS President Oregon ATV Association

Dave Gettman KA7WOF

SAT 1:00PM

Riverview C

Ed and Dave will put on a presentation on two way ATV communications direct and through repeaters. He will show and explain the equipment and techniques to get into this part of the hobby.

Emergency Preparedness Rose Bottle American Red Cross

SAT 1:00 PM

Seaside C

Fires, floods and other natural or man made disasters can strike often without warning. Are you prepared to protect your home and family. Learn what steps to take now.

New Ideas on HF Verticals for the Low Bands**Ken Glanzer K7GCO****SAT 3:00 PM****Seaside A&B**

This year Ken will cover radials, elevated and folded to improve performance, wider frequency coverage on shortened 160 Meter antennas and improving top-hat loading on verticals. He has some thoughts on quarter wave vs. half wave vertical performance. You will come away with a better understanding of antennas and feed lines and some practical ideas to apply at your station.

NTS Training - Let's Send a Message Kristin Tomson K7KWT**SAT 3:00 PM****Seaside C**

Newbies or old-timers join your fellow hams in a class to practice traffic handling. Subjects covered in an easy-to-understand interactive style will include: repeaters, frequency, net control, call signs, check-ins, dictation and messages using various forms. All levels welcome.

Kristin holds a general class ticket and enjoys introducing people to the hobby.

Ham Radio and the Law**Phil Kane K2ASP ARRL Volunteer Counsel****SAT 3:00 PM****Riverview A**

Phil, a lawyer and an engineer, is a F.C.C. veteran working many years in the San Francisco Office. He is ready to discuss the many legal aspects of our hobby such as part 97, CCR, and interference issues. Phil says he has a couple of local cases that you might find of interest.

Portable Antennas for Suitcase DX-peditions**Bud Drummond W3FF****SAT 3:00 PM****Riverview B**

It's a thrill to think that any one of us could go to a desert island and put a really rare one on the air, but few actually have the means to do that. The same components (not only antennas but batteries, great rigs, accessories, etc.) can be used for working lighthouses and small islands, of course.

Making your Field Day a Success Lisa Bloomquist, KE7HPW**SAT 3:00 PM****Riverview C**

Lisa the Public Information Officer for Clark County Amateur Radio Club will be speaking on making your Field Day Event a huge success. Last year her efforts in publicity for the club brought media coverage by television and newspapers. Her efforts gathered participants for their Field Day in the 100s. Come hear the methods you can use to make Field Day a popular event in your community.



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MEETINGS AT ~~SEA-PAC~~

~~SEA-PAC~~ provides the *SEA-MIST Room* for these meetings.

Meetings are scheduled by, and the responsibility of, the organizations listed.

Saturday, May 31st

1 PM.....Oregon ARESWayne Jack, KK7TT
3:30 PM.....Oregon Section CabinetBonnie Altus, AB7ZQ

Sunday, June 1st

10:00 AM.....ARRL NW Division Cabinet.....Jim Fenstermaker, K9JF

RAGS Test Bench

As a service to flea market buyers, the Radio Amateurs of the Gorge (RAGS) provides a test bench. Equipment includes a power supply, speaker, voltmeter, service monitor, frequency counter, oscilloscope and wat meters. Buyers and prospective buyers are encouraged to make use of this service to check out flea market treasures and those unbelievable bargains.

Neither RAGS nor ~~SEA-PAC~~ accepts responsibility for the condition or operability of any equipment, nor can they be held responsible for equipment damage as a result of use of test gear.

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EXHIBITORS

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Jim Monaghan N7HKO
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Bob Heath KD7OHF

MAILER & PROGRAM

Luther Brisky, KC7KVL

Express your appreciation to these volunteers. They make SEA PAC '08 Possible.
Committee Chairs are listed above in italics

"The Northwest's Largest Ham Convention"



SEA-PAC '08

June 5th, 6th and 7th, 2009

NORTHWESTERN DIVISION ARRL CONVENTION

Seaside Convention Center, Seaside Oregon

Commercial Exhibits • Giant Flea Market • Banquet/Entertainment
Seminars

On the Beautiful Northwest Ocean Beach

Exhibitors Call:
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SEA-PAC Convention
PO Box 25466
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Registration Info:
Will Sheffield,
N7THL
503.642.7314

◀ **www.seapac.org** ▶

I want to be part of ~~SEA-PAC '09~~. Please send me:

- ☐ Registration Form ☐ By email
☐ Flea Market ☐ By US Mail Information
☐ Commercial Exhibit Rates and Contract

☐ I would like to present a Seminar:
Topic _____

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

Telephone _____

Email Address _____

**Fill out this form — Leave at the Registration Desk
to receive information on ~~SEA-PAC '09~~.**

SEA-PAC

2008 NW Division ARRL Convention